



PUBLIC NOTICE

FEDERAL COMMUNICATIONS COMMISSION
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DA No. 22-1278

Friday December 9, 2022

Report No. SAT-01686

Satellite Policy Branch Information

Actions Taken

The Commission, by its International Bureau, took the following actions pursuant to delegated authority. The effective date of these actions is the release date of this Notice, except where an effective date is specified.

SAT-AMD-20221006-00129	E S3143	Intelsat License LLC
Amendment		
Grant of Authority		Effective Date: 12/08/2022

Nature of Service: Fixed Satellite Service

See IBFS File No. SAT-RPL-20220414-00041 for a description of the action taken.

SAT-LOA-20220325-00035	E S3139	Orbital Sidekick, Inc.
Launch and Operating Authority		
Grant of Authority		Effective Date: 12/07/2022

Nature of Service: Earth Exploration Satellite Service

On December 7, 2022, the Satellite Division granted, with conditions, authority for Orbital Sidekick, Inc. to deploy and operate six satellites in low-Earth, non-geostationary orbit in the earth-exploration satellite service (EESS) for hyperspectral imaging. The satellites will operate at an altitude of 525 kilometers and inclination of 97.5 degrees and use the following frequency bands: 25.5-27.0 GHz (space-to-Earth) for an EESS data downlink, 2045-2050 MHz (Earth-to-space) for an EESS uplink for modulation and data coding; 2054.85-2055.15 MHz (Earth-to-space) for command uplink; and 400.15-401.0 MHz (space-to-Earth) for telemetry and tracking downlink operations. Orbital Sidekick will also use the 1615-1617.5 MHz band (space-to-space) for inter-satellite transmissions to the Globalstar system.

SAT-LOA-20220607-00058	E S3148	Intelsat License LLC
Launch and Operating Authority		
Grant of Authority		Effective Date: 12/08/2022

Nature of Service: Fixed Satellite Service

On December 8, 2022, the Satellite Division granted, with conditions, Intelsat License LLC's request for authority to deploy and operate Galaxy 36 as a replacement satellite for Galaxy 28 (S2160) and with additional frequencies at the 89.0° W.L. orbital location, to provide fixed-satellite service in the 3700-4200 MHz, 10.7-11.2 GHz, and 11.7-12.2 GHz (space-to-Earth); and 5925-6425 MHz, 12.75-13.25 GHz, and 13.75-14.5 GHz (Earth-to-space) frequency bands. Galaxy 36 will also operate telemetry, tracking, and command operations in the 3700-4200 MHz (space-to-Earth) and 5925-6425 MHz (Earth-to-space) bands using center frequencies selectable in 100 kHz steps, including using the following center frequencies: 4197.5 MHz, 4199.0 MHz (space-to-Earth); and 6422.0 MHz and 6424.5 MHz (Earth-to-space).

SAT-LOA-20221019-00145 E S3092 Astranis Projects USA LLC

Launch and Operating Authority

Granted in Part/ Deferred in Part

Effective Date: 12/06/2022

Nature of Service: Fixed Satellite Service, Other

On December 6, 2022, the Satellite Division granted in part, with conditions, a license for Astranis Projects USA LLC to deploy and operate a geostationary orbit satellite, known as Arcturus, or Aurora 4A, at the 163.0° W.L. orbital location. Astranis will provide fixed-satellite service at the 163.0° W.L. orbital location using the following frequency bands: 18.2-19.3 GHz, 19.3-19.4 GHz, 19.6-19.7 GHz, and 19.7-20.2 GHz (space-to-Earth); and 28.0-29.1 GHz, 29.25-29.3 GHz, and 29.3-30.0 GHz (Earth-to-space frequency bands. Astranis will also conduct telemetry, tracking, and command operations using the following center frequencies: 19706 MHz (space-to-Earth) and 28356 MHz (Earth-to-space).

SAT-MOD-20220819-00088 E S2812 Satellite CD Radio LLC

Modification

Grant of Authority

Effective Date: 12/01/2022

Nature of Service: Satellite Digital Audio Radio Service

On December 1, 2022, the Satellite Division granted, with conditions, Satellite CD Radio LLC's request for modification of the license for its FM-6 Satellite Digital Audio Radio Service (SDARS) space station to extend its license term for an additional eight years, through November 25, 2030. FM-6 is used to provide of SDARS at the 116.5° W.L. orbital location, transmitting in the 2320.0-2332.5 MHz (space-to-Earth) frequency band and receiving feeder link transmissions in the 7050.5-7072.5 MHz (Earth-to-space) frequency band.

SAT-RPL-20220414-00041 E S3143 Intelsat License LLC

Replacement Satellite Application (no new frequency)

Grant of Authority

Effective Date: 12/08/2022

Nature of Service: Fixed Satellite Service

On December 8, 2022, the Satellite Division granted, with conditions, Intelsat License LLC's request for authority to deploy and operate Galaxy 35 as a replacement satellite for Galaxy 3C (S2381) at the 95.05° W.L. orbital location in order to provide fixed-satellite service in the 3700-4200 MHz (space-to-Earth) and 5925-6425 MHz (Earth-to-space) frequency bands. Galaxy 35 will conduct telemetry, tracking, and command operations in the 3700-4200 MHz (space-to-Earth) and 5925-6425 MHz (Earth-to-space) bands, using center frequencies selectable in 100 kHz steps, including using the following center frequencies: 4196.75 MHz, 4198.25 MHz (space-to-Earth); and 6422.0 MHz and 6424.5 MHz (Earth-to-space).

SAT-STA-20221108-00155 E S2433 SES Americom, Inc.

Special Temporary Authority

Grant of Authority

Effective Date: 12/06/2022

On December 6, 2022, the Satellite Division granted, with conditions, SES Americom's request for special temporary authority for 60 days, beginning December 15, 2022, to drift AMC-11 from the 131.0° W.L. orbital location to the 111.1° W.L. orbital location. Telemetry, tracking, and command will be performed using the 3700.5 MHz and 4199.5 MHz (space-to-Earth), and 6423.5 MHz (Earth-to-space) center frequencies.

For more information concerning this Notice, contact the Satellite Division at 202-418-0719; TTY 1-888-835-5322.